

**Questions & Answers, Fourth Set**  
**Westover Air Reserve Base Utility Systems Privatization**  
**SP0600-03-R-0125**

**Question:** Please provide copies of outage records for the past 5 years for distribution facilities, indicating both cause and duration.

*a. 5 yrs is not available, 1 yr of outage records are available in the Technical Library*

**Question:** Please provide a copy of any load flow analysis performed on the distribution system.

*a. To the best of our knowledge, Westover ARB has no such record of this analysis. A test report on the 5KV switchgear is available for review in the Technical Library.*

**Question:** Please provide a copy of the disaster preparedness plan, as it relates to the electric distribution system.

*a. Information available in the Technical Library.*

**Question:** Please provide a description of the mapping software used by the Government for electric distribution system maps.

*a. Drawings were prepared with AutoCAD 2004 version*

**Question:** Is there any PILC (paper-insulated-lead-cable) or VCLC (varnished cambric lead covered) cable in service at Westover ARB. If there is PILC or VCLC cable that is abandoned in place (in existing conduits), will the contractor be liable for future disposal of this cable? If no disposal is required, who will be responsible for any future environmental impact from this cable?

*a. To the best of our knowledge neither PILC or VCLC cables are in service. PILC or VCLC cable was abandoned in place in existing conduit to prevent fouling of the conduit. Should the contractor who takes ownership of the system decide to utilize any of the existing conduit or duct banks in the future, disposal will be the contractor's responsibility. To the best of our knowledge these cables have NO environmental impact and are recycled as scrap metal.*

**Question:** Are any generators on the base used or designed to be used to operate in parallel with the electrical distribution system to reduce the system's peak energy demand or to be used for backup power? If so, provide the number and location of same. Also, will the contractor be responsible for the maintenance or control of the inter-tie equipment?

***a. No generators are used to operate in parallel with the electrical distribution system; all are for Emergency Back-Up Power only. Responsibility of maintenance of Generators and Inter-Tie equipment will remain with Westover ARB. Generators are not being privatized.***

**Question:** The point of demarcation, that defines where the electrical distribution system ends, is extremely important in defining the privatized system. Exhibit B of the Right-of-Way (Attachment J46), is somewhat vague, or does not address, the point of demarcation for some scenarios. Please define the point of demarcation for the following cases:

a. Pole mounted transformers with underground service laterals:

***a. This is defined in the Right of Way document.***

b. Between the Contractor's system and any generators used to reduce system peak demands or to provide backup power.

***a. Generators are for Emergency back-Up only. They are attached to the buildings they serve. There is no POD, because Westover ARB will maintain ownership and maintenance responsibility for the Generators and Inter-tie equipment and the associated panels inside the buildings .***

c. Please explain the Government's intent for ownership responsibility for underground service laterals extending from padmounted transformers. Please refer to the first demarcation description in the table, beginning on page 24 of Attachment J46, which indicates that the point of demarcation is the secondary side of the transformer, and which would exclude all underground services, if not meter is present. Will the Government maintain ownership of such facilities or will these also be transferred to the Contractor? If the contractor will own, please indicate the number and type of such services, as none appear to be shown in the inventory summary in Section J1.2.1.2 of the System Description.

***a. This is defined in the Right of Way document. Government will retain ownership of secondary side of transformer as described in ROW, this may include underground secondary***

d. While approximately 3188 ft of no. 6 triplex secondary and 813 ft of no. 3 quadruplex was referenced in the inventory, it is not clear whether this is secondary under-build, as some under-build was observed during the site visit, or whether this represents the lengths of conductor used for services. Please indicate whether these amounts represent services or secondary under-build. If not services, please indicate the number and type of overhead services, as none appear to be specifically shown in the inventory summary.

***a. Triplex and quadruplex quantities listed in the inventory represent service lines.***

**Question:** The J1 Attachment does not include an estimate of the lengths and type of street lighting conductor of any type. Please provide the type and lengths of street lighting circuit conductor. In this regard, please indicate the lengths of such conductor running with the overhead system or located in the same conduit/ductbank with other conductors.

***a. The quantity of conductor shown in the J1 attachment in the inventory Table 1, is based on circuit lengths shown on drawings.***

**Question:** Please describe the method for obtaining dig permits on Base.

***a. Information available in the Technical Library.***

**Question:** Please provide an electronic copy or hard copy of any PCB survey of distribution transformers, which may include the kVA size, location, and serial number of manufacturer.

***a. To the best of our knowledge, Westover ARB is PCB free. The most recent survey is available in the Technical Library.***

**Question:** The J1 Attachment identifies 49, 3-phase transformers and 34, 1-phase transformers. Please indicate the number of each which are pole mounted or padmounted units, respectively.

***a. All Transformers are 3-phase with the following exceptions: Bldgs 8203, 8300, 8410, 8702, 7425, 7520 each have one(1) pad mount. Pole mounts at Cowan Street- three(3), bldg 5350- one(1), and bldg 3289 –three(3).***

**Question:** Section C.14 Specialty Training Requirements of the RFP does not specifically identify any individual skills training requirements. Because of this, can the contractor assume that there are no training requirements for the Westover ARB and that if any training requirements are imposed in the future the contractor would be entitled to additional compensation?

***a. There are no specific training requirements at Westover ARB.***

**Question:** Please Provide a list, by location, of pole mounted transformers on concrete pads enclosed by a wire fence. Additionally, please indicate whether these installations are deemed to be system deficiencies requiring replacement in the government's independent estimate.

***a. This refers to Bldg 2426, Avionics. Transformers are indicated on the utility drawings and the J-tab. This facility is fed from the 5 KV system and are***

***considered a system deficiency which should be part of the 5KV to 13.8KV Capital Upgrade project.***

**Question:** Please clarify the length of overhead conductor found at Westover ARB. Specifically, the J1 Attachment identifies 63,900 SCLF of overhead wire that is not identified as being of Hendrix spacer cable construction. However, during the site visit, it was noted that the majority of the overhead circuits on Base were of Hendrix spacer cable construction. There were approximately 11 spans (estimated at 250' per span, for a circuit length of 2,750 ft or 8,250 SCLF) identified as being open wire, or non-Hendrix spacer cable, construction during the site visit. Please clarify whether the total quantities of overhead wire in the J1 Attachment are correct and that more of it should be identified as Hendrix spacer cable, or if some of the overhead wire has been converted to underground.

a. ***Quantities shown in inventory are based on available drawings and site visits.***

**Question:** During the site visit, Base personnel indicated that a portion of the overhead system near the runway is going to be required to be replaced with underground circuitry based on its proximity to the runway. It was not clear, at the time of the site visit, if this project would be completed by the government prior to privatization of the electrical system, or if this conversion would be the responsibility of the privatizing utility. It is understood that the entire 4.8 kV system has been identified in the J1 Attachment as needing to be converted to 13.8 kV operation. The portion of line in question appears to be operating at 4.8 kV and will be converted. Is it the government's intention to require that this portion of overhead be installed underground as part of the voltage conversion process, or will the privatizing utility be allowed to make the voltage conversion utilizing the same construction methods (i.e. overhead or underground) as the existing overhead and/or underground circuits.

a. ***Project is funded to convert this section of overhead lines to underground to eliminate this section as an airfield obstruction. This project should be completed prior to the system transfer.***